

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

JAN 28 2002

(Use several sheets if necessary)

Atty. Docket No.
55871US002Serial No.
09/966,557

Applicant

Richard Charles ALLEN, Christopher C. BOWLEY,
Stephan John PANKRATZ, Philip Edwin WATSONFiling Date:
September 27, 2001Group:
2872U.S. Patent Documents
See Pages 1-3Foreign Patent Documents
See Pages 3-4Other Art
See Page 4

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
CRE	A1	3,213,753	10/26/65	Rogers	88	65	
CRE	A2	3,914,017	10/21/75	Bedell et al.	350	154	
CRE	A3	4,084,883	04/18/78	Eastman et al.	350	152	
CRE	A4	4,133,775	01/09/79	Bloom	252	300	
CRE	A5	4,166,871	09/04/79	Schuler	427	163	
CRE	A6	4,521,080	06/04/85	Funada et al.	350	341	
CRE	A7	4,591,512	05/27/86	Racich et al.	427	163	
CRE	A8	4,886,332	12/12/89	Wolfe	350	96.12	
CRE	A9	4,974,941	12/04/90	Gibbons et al.	350	349	
CRE	A10	5,032,009	07/16/91	Gibbons et al.	350	341	
CRE	A11	5,155,610	10/13/92	Hikmet et al.	359	75	
CRE	A12	5,196,953	03/23/93	Yeh et al.	359	73	
CRE	A13	5,206,752	04/27/93	Itoh et al.	359	106	
CRE	A14	5,389,698	02/14/95	Chigrinov et al.	522	2	
CRE	A15	5,486,884	01/23/96	De Vaan	353	122	
CRE	A16	5,506,704	04/09/96	Broer et al.	359	63	
CRE	A17	5,583,677	12/10/96	Ito et al.	349	118	
CRE	A18	5,583,679	12/10/96	Ito et al.	349	118	
CRE	A19	5,602,661	02/11/97	Schadt et al.	349	124	
CRE	A20	5,619,352	04/08/97	Koch et al.	349	89	
CRE	A21	5,635,105	06/03/97	Kawata et al.	252	299.01	
CRE	A22	5,666,223	09/09/97	Bennett et al.	359	490	
CRE	A23	5,691,789	11/25/97	Li et al.	349	98	
CRE	A24	5,731,405	03/24/98	Gibbons et al.	528	353	

Examiner: Craig H. CurtisDate Considered: 8 July 2003

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CRL	A25	5,751,388	05/12/98	Larson	349	96	
CRL	A26	5,783,120	07/21/98	Onderkirk et al.	264	1.34	
CRL	A27	5,784,139	07/21/98	Chigrinov et al.	349	117	
CRL	A28	5,793,455	08/11/98	Nakamura	349	96	
CRL	A29	5,793,456	08/11/98	Broer et al.	349	98	
CRL	A30	5,798,808	08/25/98	Van Haaren et al.	349	96	
CRL	A31	5,807,498	09/15/98	Gibbons et al.	252	299.4	
CRL	A32	5,817,743	10/06/98	Gibbons et al.	528	353	
CRL	A33	5,825,542	10/20/98	Cobb, Jr., et al.	359	487	
CRL	A34	5,825,543	10/20/98	Onderkirk et al.	359	494	
CRL	A35	5,838,407	11/17/98	Chigrinov et al.	349	187	
CRL	A36	5,867,316	02/02/99	Carlson et al.	359	500	
CRL	A37	5,882,774	03/16/99	Jonza et al.	428	212	
CRL	A38	5,917,664	06/29/99	O'Neill et al.	359	831	
CRL	A39	5,929,201	07/27/99	Gibbons et al.	528	353	
CRL	A40	5,932,626	08/03/99	Fong et al.	522	182	
CRL	A41	5,940,211	08/17/99	Hikmet et al.	359	490	
CRL	A42	5,946,064	08/31/99	Lee	349	124	
CRL	A43	5,958,292	09/28/99	Gibbons et al.	252	299.4	
CRL	A44	5,958,293	09/28/99	Gibbons et al.	252	299.4	
CRL	A45	5,965,247	10/12/99	Jonza et al.	428	212	
CRL	A46	5,965,691	10/12/99	Gibbons et al.	528	353	
CRL	A47	5,978,055	11/02/99	Van DeWitte et al.	349	119	
CRL	A48	5,986,734	11/16/99	Winker et al.	349	123	

Examiner: *Craig H. Curtis*Date Considered: *8 July 2003*

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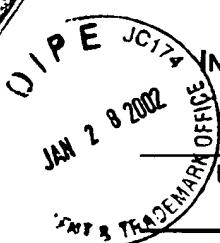
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
CXL	A49	5,995,184	11/30/99	Chung et al.	349	118	
CXL	A50	6,001,277	12/14/99	Ichimura et al.	252	299.4	
CXL	A51	6,043,337	03/28/00	Gibbons et al.	528	353	
CXL	A52	6,044,196	03/28/00	Winston et al.	385	146	
CXL	A53	6,061,113	05/09/00	Kawata	349	117	
CXL	A54	6,061,138	05/09/00	Gibbons et al.	356	400	
CXL	A55	6,064,457	05/16/00	Aminaka	349	117	
CXL	A56	6,084,057	07/04/00	Gibbons et al.	528	353	
CXL	A57	6,088,079	07/11/00	Kameyama et al.	349	185	
CXL	A58	6,096,375	08/01/00	Onderkirk et al.	427	163.1	
CXL	A59	6,097,461	08/01/00	Sharp	349	121	
CXL	A60	6,099,758	08/08/00	Verrall et al.	252	585	
CXL	A61	6,124,971	09/26/00	Onderkirk et al.	349	487	
CXL	A62	6,153,272	11/28/00	Kim et al.	428	1.5	
CXL	A63	6,160,597	12/12/00	Schadt et al.	349	98	

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Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
CXL	B1	0 940 705 A1	09/08/99	EP	G02F	1/1335	
CXL	B2	0 961 138 A1	12/01/99	EP	G02B	5/30	
CXL	B3	WO95/17303	06/29/95	PCT	B32B	7/02	
CXL	B4	WO95/17691	06/29/95	PCT	G02B	5/30	
CXL	B5	WO95/17692	06/29/95	PCT	G02B	5/30	
CXL	B6	WO95/17699	06/29/95	PCT	G02F	1/1335	

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See Pages 3-4Other Art
See Page 4**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
CNC	B7	WO96/06380	02/29/96	PCT	G02F	1/1335	
CNC	B8	WO96/19347	06/27/96	PCT	B32B	7/02	
CNC	B9	WO97/44409	11/27/97	PCT	C09K	19/38	
CNC	B10	WO98/52077	11/19/98	PCT	G02B	5/30	
CNC	B11	WO99/08148	02/18/99	PCT	G02F		
CNC	B12	WO99/36262	07/22/99	PCT	B32B	27/00	
CNC	B13	WO99/60073	11/25/99	PCT	C09K	19/56	
CNC	B14	WO00/39633	07/06/00	PCT	G02F	1/1337	
CNC	B15	WO00/39631	07/06/00	PCT	G02F	1/1335	
One	B16	2000/154261A	06/06/00	JP	C08J	5/18	Abstract Only

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
One	C1	Benecke et al., "Determination of Director Distributions in Liquid Crystal Polymer-Films by Means of Generalized Anisotropic Ellipsometry", <i>J. Appl. Phys.</i> Vol. 39 pp. 525-531 (2000)
CNC	C2	Chen et al., "Wide Viewing Angle Photoaligned Plastic Films for TN-LCDs" SID International Symposium (1999)
CNC	C3	Scheffer et al., "Accurate determination of liquid-crystal tilt bias angles" <i>J. Appl. Phys.</i> Vol. 48 pp. 1783-1792 (1977)
CNC	C4	Yeh, et al., "Jones Matrix Method", <i>Optics of Liquid Crystal Displays- John Wiley & Sons, Inc.</i> , Chapter 4, pp. 103-151 (1999)
One	C5	Yeh, et al., "Extended Jones Matrix Method", <i>Optics of Liquid Crystal Displays- John Wiley & Sons, Inc.</i> , Chapter 8, pp. 306-355 (1999)
CNC	C6	Yeh, et al., "Optical Compensators for LCDs", <i>Optics of Liquid Crystal Displays- John Wiley & Sons, Inc.</i> , Chapter 9, pp. 357-385 (1999)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT



Use as many sheets as necessary)

Page 1 of 1

Application Number	09/966557
Filing Date	September 27, 2001
First Named Inventor	Allen, Richard C.
Art Unit	2872
Examiner Name	
Attorney Case Number	55871US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
CXC	A1	US- 5,422,756	06/06/95	Weber	
CXC	A2	US- 5,568,283	10/22/96	Mitsutake et al.	
CXC	A3	US- 5,589,963	12/31/96	Gunning et al.	
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
CXC	B1	EP	0 487 047	05/27/92			
CXC	B2	EP	0 676 660	10/11/95			
CXC	B3	EP	0 721 132	07/10/96			
CXC	B4	JP	08 234142	01/31/97			Abstract
CXC	B5	JP	11 052345	05/31/99			Abstract
CXC	B6	JP	2000 221507	08/11/00			Abstract
	B7						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	
	C2	
	C3	

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Page 1 of 1



Application Number 09/966,557

Filing Date September 27, 2001

First Named Inventor Allen, Richard C.

Art Unit 2872

Examiner Name Unknown

Attorney Case Number 55871US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number Doc. Number-(Kind Code if Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CHC	A1	US- 3,941,901	03/02/1976	Harsch	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

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		Ctry. Code	Number-KindCode (if known)				
CHC	B1	EP	0 457 607 A2	11/21/1991			
CHC	B2	EP	0 770 889 A2	05/02/1997			
CHC	B3	GB	2 324 881 A	11/04/1998			
CHC	B4	GB	2 326 727 A	12/30/1998			
CHC	B5	GB	2 326 728 A	12/30/1998			
	B6						
	B7						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
CHC	C1	Schadt M. et al.: "Photo-Induced Alignment and Patterning of Hybrid Liquid Crystalline Polymer Films on Single Substrates", <i>Jpn. J. Appln. Phys.</i> , Vol. 34 (1995) pp. L764-L767.
	C2	
	C3	

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CXLC	US-	US- 5,686,979	11/11/97	Weber et al.	
CXLC	US-	US- 6,124,905	09/26/00	Iijima	
A1	US-				
A2	US-				
A3	US-				
A4	US-				
A5	US-				
A6	US-				
A7	US-				
A8	US-				
A9	US-				

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CXLC	B1	PCT	WO01/79923	10/25/01			
	B2						
	B3						
	B4						
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	B6						
	B7						

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	C2	
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